



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

OPTICAL FIBER TRANSMISSION SYSTEM WITH  
INCREASED EFFECTIVE MODAL BANDWIDTH  
TRANSMISSION

Application Number: 10/707729



Confirmation Number: 1728

First Named Applicant: Peter Hallemeier

Attorney Docket Number: OPT-008CP2

Search string: ( 5416862 or 6154589 or 6185346 or 6356680  
or 6415076 or 6487338 or 6510265 or 6609834  
or 6415076 or 20020126954 or 20020191906 or  
20030011847 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
JMB	1	5416862	1995-05-06	Haas, et al.		385	28
JMB	2	6154589	2000-11-28	Kirk, et al.		385	29
JMB	3	6185346	2001-02-06	Asawa, et al.	B1	385	28
JMB	4	6356680	2002-03-12	Kirk, et al.	B1	385	29
JMB	5	6415076	2002-07-02	DeCusatis	B1	385	28
JMB	6	6487338	2002-11-26	Asawa, et al.	B1	385	29
JMB	7	6510265	2003-01-21	Giaretta, et al.	B1	385	38
JMB	8	6609834	2003-08-26	Cunningham, et al.	B2	385	60
	9	6415076	2002-07-02	DeCusatis	B1	385	28

### US Published Applications

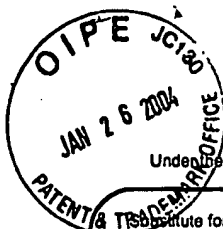
Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
JMB	1	20020126954	2002-09-12	Asawa, et al.	A1	385	28
JMB	2	20020191906	2002-12-19	Price, et al.	A1	385	24

JMD	3	20030011847	2003-01-16	Dai, et al.	A1	359	161
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Signature

Examiner Name	Date
<i>J Martin Bie</i>	07/28/2005



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PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/707,729		
		Filing Date	01/07/2004		
		First Named Inventor	Hallemeier		
		Art Unit	Not yet assigned		
		Examiner Name	Not yet assigned		
Sheet	1	of	1	Attorney Docket Number	OPT-008CP2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JMB	C1	HAAS, A Mode-Filtering Scheme For Improvement Of The Bandwidth-Distance Product In Multimode Fiber Systems, Journal of Lightwave Technology, July 1993, Pgs. 1125-1131, Vol. 11, No. 7, IEEE.	
JMB	C2	GANDHI, ET AL., Electronic Dispersion Compensation, Santel Networks, Inc., 2002.	
JMB	C3	DONLAGIC, ET AL., Propagation Of The Fundamental Mode In Curved Graded Index Multimode Fiber And Its Application In Sensor Systems, Journal of Lightwave Technology, March 2000, Pgs. 334-342, Vol. 18, No. 3, IEEE.	
JMB	C4	BROWN, Bandwidth And Rise Time Calculations For Digital Multimode Fiber-Optic Data Links, Journal of Lightwave Technology, May 1992, Pgs. 672-678, Vol. 10, No. 5, IEEE.	
JMB	C5	DONLAGIC ET AL., Microbend Sensor Structure For Use In Distributed And Quasi-Distributed Sensor Systems Based On Selective Launching And Filtering Of The Modes In Graded Index Multimode Fiber, Journal of Lightwave Technology, October 1999, Pgs. 1856-1868, Vol. 17, No.	

Examiner Signature	<i>J Martin Bli</i>	Date Considered	07/28/2005
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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